

ABSTRACT OF THE DISCLOSURE

In a preferred embodiment, a method of performing a reagent protocol using polymerase chain reaction, including: indexing patterns of reagent wells on a continuous basis through at least one step of reagent addition to the reagent wells; and then indexing the patterns of reagent wells on a continuous basis through a plurality of individual heat transfer stations, whereby at each of the individual heat transfer stations, the patterns of reagent wells are subjected to a unique temperature change to cause one amplification step, with the plurality of individual heat transfer stations providing total amplification required for the protocol.

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